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MIYAMOTO KATSUYA**(54) **CONTROL VALVE OF SECONDARY AIR FOR
DISPOSAL EXHAUST GAS OF ENGINE**

end of the short barrel assembly 11d.

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(57) Abstract:

PROBLEM TO BE SOLVED: To provide tire control valve which controls secondary air for processing exhaust gas of a V-type engine so that a internal valve body for opening and shutting a pass in a valve body may not give rise to permanent deformation by heat decay, while allowing a valve seat to be firmly sealed during the valve is shut.

SOLUTION: This valve comprises a body 11 and a cover 12 wherein the body 11 is provided with an inlet pipe 11c and two outlet pipes 11a, 11b, and within the body 11, a short barrel assembly 11d divided in two chambers by a partition 11e is stood. One outlet pipe 11a is opened within one chamber, while the other outlet pipe 11b within the other chamber. On the short barrel assembly 11d, a thick disk-like inner valve body 13 is disposed, while, on the inner valve body 13, a lower retainer 15 is vulcanized to adhere. On the lower retainer 15, the inner peripheral portion of a resilient diaphragm 14 is sandwiched to fasten between an upper plastic retainer 16 and the lower retainer 15, while the outer peripheral portion is sandwiched between the body 11 and the coverbody 12, further the inner valve body 13 is spring-urged to close the upper

